

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1 1/2 / Prior Art

Applicant/Patentee:

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Filed/Issued: Herewith

Serial No./Pat. No.: Unknown

For: INHERENTLY ANTIMICROBIAL  
QUARTERNARY AMINE  
HYDROGEL WOUND DRESSINGS

Group Art Unit: Unknown

Examiner: Unknown

Atty File: 041861-25301

JC564 U.S. PTO  
09/503770  
02/14/00

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

## INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97, Applicant hereby submits the following

references:

### U.S. PATENTS:

3,898,188	3,975,350	4,119,094	4,191,743	4,226,232
4,318,947	4,373,009	4,393,048	4,515,593	4,563,184
4,570,629	4,657,006	4,705,709	4,728,323	4,769,013
4,791,063	5,019,096	5,069,907	5,269,770	5,432,000
5,498,478	5,512,329	5,563,056	5,599,321	5,624,704
5,670,557	5,674,561	5,800,685	31,454	3,929,741
4,125,110	4,181,752	4,259,411	4,306,996	4,391,278
4,539,996	4,674,512	4,699,146	4,777,954	4,816,508
4,842,768	4,848,353	4,947,847	5,080,097	5,205,297
5,264,249	5,354,790	5,402,884	5,420,197	5,466,256
5,520,180	5,525,356	5,533,971		

## FOREIGN PATENTS:

WO 97/14448

EP 0 085327

WO 95/27530

## OTHER:

I. I. Raad, "Vascular Catheters Impregnated with Antimicrobial Agents: Present Knowledge and Future Direction," *Infection Control and Hospital Epidemiology*, 18(4): 227-229 (1997)

R. O. Darouiche, H. Safar, and I.I. Raad, "In Vitro Efficacy of Antimicrobial-Coated Bladder Catheters in Inhibiting Bacterial Migration along Catheter Surface," *J. Infect. Dis.*, 176: 1109-12 (1997)

W. Kohnen and B. Jansen, "Polymer Materials for the Prevention of Catheter-related Infections," *Zbl. Bakt.*, 283: 175-186 (1995)

Chloride Ion Conductivity in a Plasticized Quaternary Ammonium Polymer," Leslie C. Hardy and Duward F. Shriver, *Macromolecules*, 1984, vol. 17, No. 4, pp. 975-977.

"Hydrogel Electrodes in Biosignal Recording," J. Jossinet and E. McAdams," *Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, vol. 12, No. 4, 1990, pp. 1490-1491.


"Surface Biomedical Electrode Technology," E. McAdams, *International Medical Device & Diagnostic Industry*, Sep./Oct. 1990, pp. 44-48.

Jevne, Allan H., Amphoteric N-Substituted acrylamide hydrogel and method, US 5525356A, Jun. 11, 1996, pp. 9-14.

Pursuant to 37 C.F.R. § 1.98(d) copies of the cited references are not enclosed as they were previously cited and provided in Applicant's prior application, U.S. Patent Application No. 09/144,727, filed September 1, 1998 or U.S. Patent No. 5,800,685.

Citation of these references should not be construed as an admission that they constitute prior art of the claimed invention.

Respectfully submitted,

  
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